5/24/84
A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended May 18, 1984 NO. 20

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 05/18/84	Last Week Ending: 05/11/84	Last Year Week Ending: 05/20/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,418	12,016	11,902	402	516
Operable capacity	16,270	16,270	16,854	0	-584
Percent operated	76.3	73.9	70.6		
Motor Gasoline					
Total motor gasoline production	6,843	6,436	6,376	407	467
Finished leaded motor gasoline production	2,814	2,551	2,863	263	-49
Finished unleaded motor gasoline production	4,029	3,885	3,513	144	516
Total motor gasoline stocks	247,464	252,247	224,349	-4,783	23,115
Finished leaded motor gasoline stocks	101,450	101,714	91,182	-264	10,268
Finished unleaded motor gasoline stocks	106,620	108,477	94,356	-1,857	12,264
Distillate Fuel Oil					
Distillate fuel oil production	2,514	2,533	2,342	-19	172
Distillate fuel oil stocks	97,346	98,229	109,817	-883	-12,471
Residual Fuel Oil					
Residual fuel oil production	843	723	897	120	-54
Residual fuel oil stocks	47,742	47,758	47,805	-16	-63
Imports					
Crude oil imports	4,125	3,657	3,081	468	1,044
Product imports	1,895	1,630	1,466	265	429
Crude Oil Stocks					
Crude oil stocks	358,415	352,487	360,242	5,928	-1,827

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6944

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,253	1,112	1,143	1,229	93.0
Appal. No. 1	102	102	101	177	57.1
DISTRICT 1 TOTAL	1,355	1,214	1,244	1,406	88.5
Appal. No. 2	64	58	59	66	89.4
Ind., Ill., Ky.	1,908	1,780	1,797	2,356	76.3
Minn., Wis., Daks.	239	230	236	296	79.7
Okla., Kans., Mo.	721	635	635	777	81.7
DISTRICT 2 TOTAL	2,932	2,703	2,727	3,495	78.0
Inland Texas	544	506	505	585	86.3
Texas Gulf Coast	3,142*	2,644	2,719	3,907	69.6
La. Gulf Coast	2,325	2,181	2,194	2,890	75.9
N. La. and Ark.	182	166	174	286	60.8
New Mexico	83	84	88	105	83.8
DISTRICT 3 TOTAL	6,276*	5,581	5,680	7,773	73.1
DISTRICT 4 TOTAL	444	450	451	536	84.1
DISTRICT 5 TOTAL	2,321*	2,263*	2,316*	3,060	75.7*
TOTAL U.S.	13,328	12,211	12,418	16,270	76.3
TOTAL U.S.					
Weeks Ended:					
MAY 11, 1984	12,741*	11,806*	12,016*	16,270	73.9*
MAY 20, 1983	12,810	11,479	11,902	16,854	70.6
DISTRICTS 1-4					
Weeks Ended:					
MAY 18, 1984	11,007	9,948	10,102	13,210	76.5
MAY 11, 1984	10,472*	9,573	9,743	13,210	73.8
MAY 20, 1983	10,614	9,339	9,687	13,771	70.3

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended May 18, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	548	182	366	32	16	185	111
Appal. No. 1	39	20	19	2	--	30	5
DISTRICT 1 TOTAL	587	202	385	34	16	215	116
Appal. No. 2	41	21	20	2	--	16	2
Ind., Ill., Ky.	1,175	485	690	16	102	350	41
Minn., Wis., Daks.	140	53	87	4	16	46	3
Okla., Kans., Mo.	439	255	184	10	31	199	14
DISTRICT 2 TOTAL	1,795	814	981	32	149	611	60
Inland Texas	293	173	120	21	34	137	34
Texas Gulf Coast	1,574	551	1,023	16	185	559	170
La. Gulf Coast	1,126	460	666	25	222	418	96
N. La. and Ark.	62	24	38	3	--	52	8
New Mexico	42	19	23	17	5	23	--
DISTRICT 3 TOTAL	3,097	1,227	1,870	82	446	1,189	308
DISTRICT 4 TOTAL	243	144	99	14	18	124	8
DISTRICT 5 TOTAL	1,121	427	694	60	233	375	351
TOTAL U.S.	6,843	2,814	4,029	222	862	2,514	843
TOTAL U.S. Weeks Ended:							
MAY 11, 1984	6,436	2,551	3,885	178	861	2,533	723
MAY 20, 1983	6,376	2,863	3,513	253	758	2,342	897
DISTRICTS 1-4 Weeks Ended:							
MAY 18, 1984	5,722	2,387	3,335	162	629	2,139	492
MAY 11, 1984	5,347	2,128	3,219	143	638	2,085	449
MAY 20, 1983	5,466	2,431	3,035	197	537	2,012	549

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,828	2,602	3,225	1	60	677	3,346	1,500	--
Central Atlantic	33,353*	14,690*	13,825*	4,838	295	3,920	15,959	17,067	15,724
Lower Atlantic	29,133	12,608	16,247	278	389	4,346	11,183	3,935	391
DISTRICT 1 TOTAL	68,314*	29,900*	33,297*	5,117	744	8,943	30,488	22,502	16,115
DISTRICT 2 TOTAL	69,320	31,364	30,890	7,066	1,657	7,745	27,787	3,877	18,215
DISTRICT 3 TOTAL	71,796	25,825	28,544	17,427	2,030	10,967	24,024*	11,387	53,819
DISTRICT 4 TOTAL	8,652	4,091	2,257	2,304	264	764	3,540	506	2,907
DISTRICT 5 TOTAL	29,382	10,270	11,632	7,480	1,755	6,041	11,507	9,470	27,313
TOTAL U.S.	247,464	101,450	106,620	39,394	6,450	34,460	97,346	47,742	118,369
TOTAL U.S.									
Weeks Ended:									
MAY 11, 1984	252,247*	101,714*	108,477*	42,056	6,753	33,703	98,229*	47,758	115,591
MAY 20, 1983	224,349	91,182	94,356	38,811	7,367	34,537	109,817	47,805	109,074
DISTRICTS 1-4									
Weeks Ended:									
MAY 18, 1984	218,082	91,180	94,988	31,914	4,695	28,419	85,839	38,272	91,056
MAY 11, 1984	222,717*	91,116*	97,060*	34,541	4,852	27,615	86,835*	38,703	88,145
MAY 20, 1983	199,436	82,439	84,645	32,352	5,904	28,207	99,827	37,284	84,549

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended May 18, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy Dec. 1983	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAY 18, 1984	5,882.0	5,571.0	3,772	368	271,764
MAY 11, 1984	5,882.0	--	3,246	511	269,475
MAY 4, 1984	5,873.8	--	3,066	273	267,210
APR. 27, 1984	5,873.8	--	3,347	331	262,673
DISTRICT 5 TOTAL					
MAY 18, 1984	2,890.9	2,823.0	353	74	86,651 ǂ
MAY 11, 1984	2,890.9	--	411	40	83,012*
MAY 4, 1984	2,882.8	--	193	72	79,981
APR. 27, 1984	2,882.8	--	251	48	78,552
TOTAL U.S.					
MAY 18, 1984	8,772.9	8,394.0	4,125	442	358,415 ǂ
MAY 11, 1984	8,772.9	--	3,657	551	352,487*
MAY 4, 1984	8,756.6	--	3,259	345	347,191
APR. 27, 1984	8,756.6	--	3,598	379	341,225
MAY 20, 1983	8,615.0/a	--	3,081	239	360,242

ǂINCLUDES 28,794 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a - DOE Actual for May 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAY 18, 1984	15,547	78,902	164,193	13,122	271,764	86,651 ǂ	358,415 ǂ
MAY 11, 1984	15,750	78,856	161,084	13,785	269,475	83,012*	352,487*
MAY 20, 1983	18,040	80,316	160,923	15,339	274,618	85,624	360,242

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

Week Ended May 18, 1984

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--r	--r	--	--	--	17	120	2	--	--r	139r
Central Atlantic	253	97	156	--	59	161	256	31	34	43	837
Lower Atlantic	--	--	--	--	--	--	251	--	29	2	282
DISTRICT 1 TOTAL											
MAY 18, 1984	253	97	156	--	59	178	627	33	63	45	1,258
MAY 11, 1984	216r	111r	105	--	33	139	504	22	84	82r	1,080r
MAY 4, 1984	231	125	106	--	41	207	513	26	33	101	1,152
APR. 27, 1984	334	220	114	--	53	161	613	34	87	130	1,412
DISTRICTS 2–4 TOTAL											
MAY 18, 1984	41	37	4	--	--	20	113	148	205	37	564
MAY 11, 1984	10	5	5	--	--	9	39	171	156	68	453
MAY 4, 1984	9	9	--	--	--	16	50	152	120	33	380
APR. 27, 1984	10	8	2	64	--	11	39	190	56	197	567
DISTRICT 5 TOTAL											
MAY 18, 1984	17	6	11	--	--	3	16	18	8	11	.73
MAY 11, 1984	17	6	11	--	--	3	43	17	4	13	97
MAY 4, 1984	24	20	4	--	1	2	16	14	64	11	132
APR. 27, 1984	24	8	16	--	--	3	19	10	--	10	66
TOTAL U.S.	311	140	171	--	59	201	756	199	276	93	1,895
TOTAL U.S. Weeks Ended:											
MAY 11, 1984	243r	122r	121	--	33	151	586	210	244	163r	1,630r
MAY 4, 1984	264	154	110	--	42	225	579	192	217	145	1,664
APR. 27, 1984	368	236	132	64	53	175	671	234	143	337	2,045
MAY 20, 1983	164	100	64	--	11	67	722	189	142	171	1,466

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

* See Revisions on Page 7.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

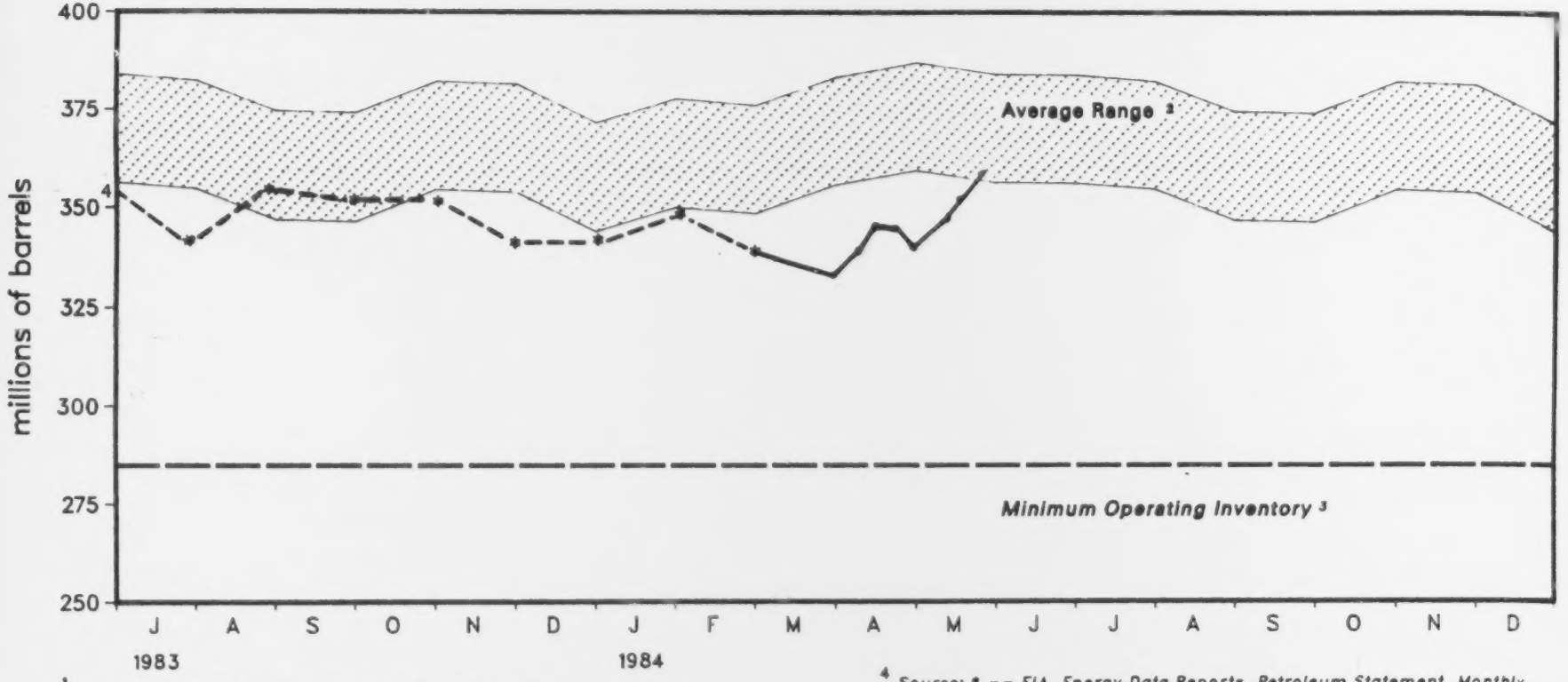
API STATISTICAL BULLETIN
WEEK ENDED: MAY 18, 1984

REVISIONS

05/11/84	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	2,826
			DISTRICT 3 TOTAL	5,860
			DISTRICT 5 TOTAL	2,269
			TOTAL U.S.	12,741
			DISTRICTS 1-4	10,472
		CRUDE OIL RUNS	DISTRICT 5 TOTAL	2,233
			TOTAL U.S.	11,806
		INPUT TO CRUDE OIL	DISTRICT 5 TOTAL	2,273
			TOTAL U.S.	12,016
		% OPERABLE	DISTRICT 5 TOTAL	74.3
			TOTAL U.S.	73.9
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	33,875
			DISTRICT 1 TOTAL	69,266
			TOTAL U.S.	252,247
			DISTRICTS 1-4	222,717
		LEADED MGAS	CENTRAL ATLANTIC	14,777
			DISTRICT 1 TOTAL	30,924
			TOTAL U.S.	101,714
			DISTRICTS 1-4	91,116
		UNLEADED MGAS	CENTRAL ATLANTIC	14,761
			DISTRICT 1 TOTAL	33,686
			TOTAL U.S.	108,477
			DISTRICTS 1-4	97,060
		DISTILLATE FUEL	DISTRICT 3 TOTAL	22,413
			TOTAL U.S.	98,229
			DISTRICTS 1-4	86,835
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICT 5 TOTAL	83,012
			TOTAL U.S.	352,487
	PAGE 4 B	TOTAL	PAD DISTRICT 5	83,012
			TOTAL U.S.	352,487
	PAGE 5	TOTAL MGAS	NEW ENGLAND	30
			DISTRICT 1 TOTAL	216
			TOTAL U.S.	243
		LEADED MGAS	NEW ENGLAND	30
			DISTRICT 1 TOTAL	111
			TOTAL U.S.	122
		OTHER	NEW ENGLAND	37
			DISTRICT 1 TOTAL	82
			TOTAL U.S.	163
		TOTAL	NEW ENGLAND	67
			DISTRICT 1 TOTAL	1,080
			TOTAL U.S.	1,630

Week Ended May 18, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

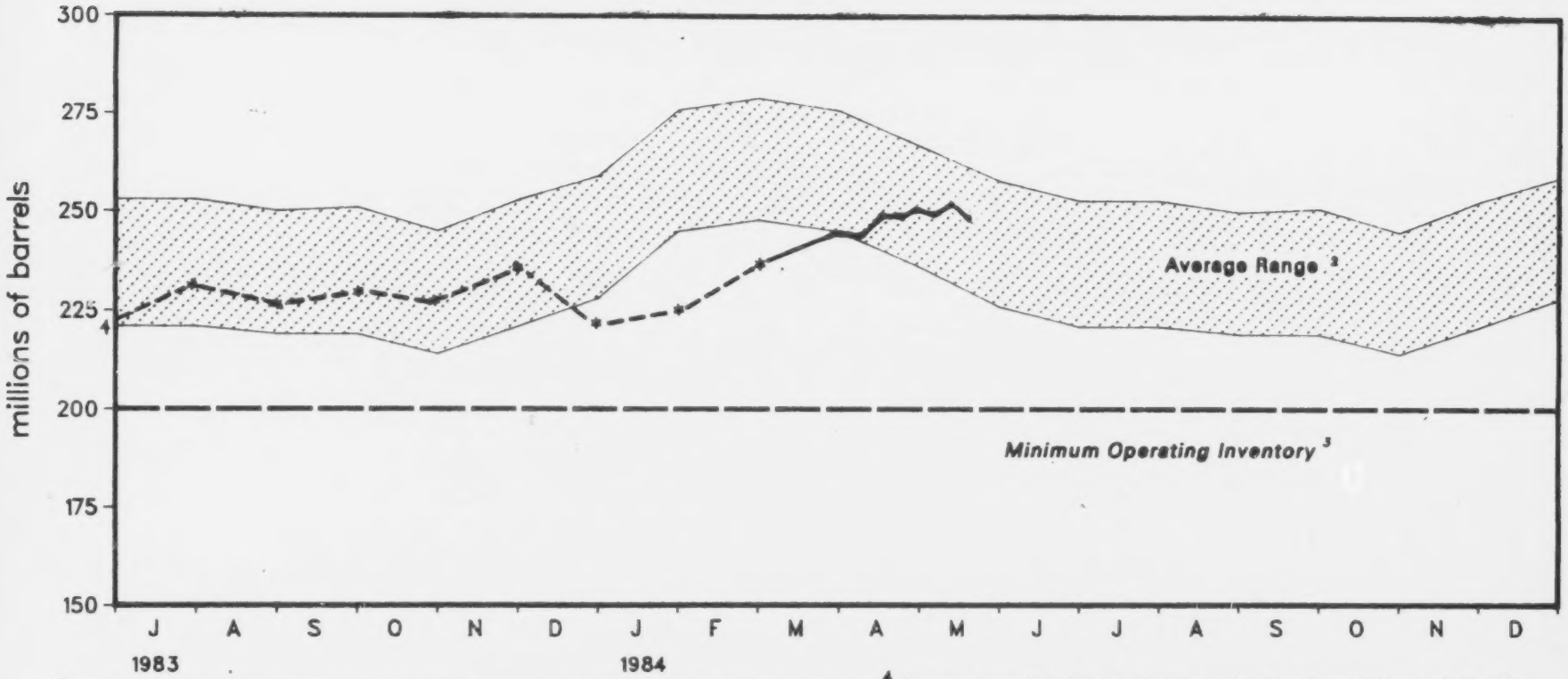
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 - June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 - December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

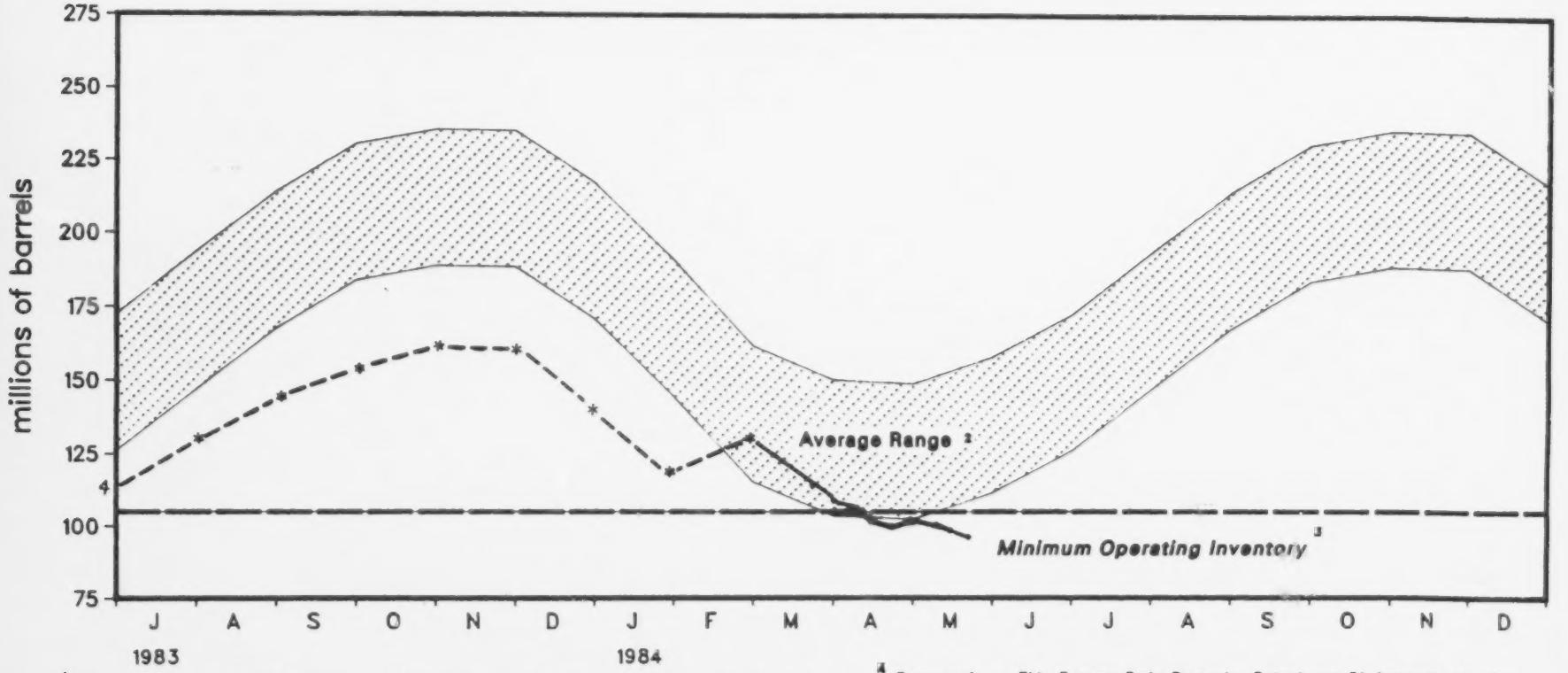
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.

[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.

[4] Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
* — API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.